

LED line PRIME

Code: 206670

EAN: 5905378206670

**LED strip 624 COB 24V 2700K-6500K  
CCT 14W IP20 10mm 5m 1260lm/m  
PRIME**



LED 624 COB 24V 2700K-6500K CCT 14W by LED line PRIME is an innovative light source that stands out for exceptional light efficiency of 90 lm/W and Ra color reproduction factor of 90. Thanks to COB technology, it provides even lighting without flickering effect. The dimming function allows precise brightness adjustment, and the range of colour temperature from 2700K to 6500K allows you to adjust the atmosphere in the rooms.



**Technical data**

| Parameter  | Value         |
|--|---------------|
| Energy efficiency class 2019/2015  | G             |
| Warranty   | 5             |
| Power  | • 14 W / m    |
| Voltage  | • 24 V DC     |
| Correlated colour temperature  | • 2700-6500 K |
| Colour of the light  | CCT-3pin      |
| Colour rendering index Ra  | 90            |
| IP protection rating   | IP20          |
| IEC protection class   | III           |
| Cutting section  | 1,92 cm       |
| Luminous efficacy  | 90            |
| Luminous flux  | 1260          |
| The lumen maintenance factor   | 96            |
| Lifetime L70B50  | 50 000 h      |
| L80B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible | 35000 h       |
| Survival factor  | 0.9           |
| Dimmable function  | PWM           |
| Colour consistency in McAdam ellipses                                      | ≤3            |
| Wire length  | 140 mm        |
| PCB width  | 10 mm         |

| Parameter                                  | Value      |
|--|------------|
| Maximum width of LED strip                 | 5          |
| Luminous flux (lm)                         | 1260       |
| Current (Im)                               | 0,583      |
| CRI colour rendering index                 | 90         |
| Beam angle                                 | 120        |
| LED type                                   | COB        |
| LED quantity                               | 624        |
| Compatible dimmer type                     | PWM        |
| Laminate (colour)                          | White      |
| Laminate (thickness)                       | 2          |
| Type of adhesive tape                      | 3M 300 LSE |
| Number of on/off cycles                    | 50000      |
| Lamp's warm-up time to 60%                 | 1          |
| Ambient temperature suitable for operation | -20÷45     |
| For indoor use                             | Inside     |
| Length                                     | 5000 mm    |
| Width                                      | 10 mm      |
| Height                                     | 2 mm       |
| Weight                                     | 0,121 kg   |

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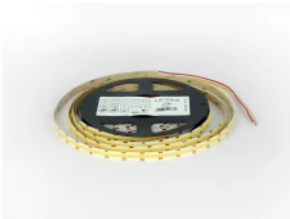
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Technical drawing

Light distribution

Additional product photos



Logistics data



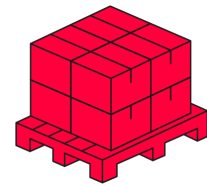
**Single packaging**

|          |         |
|----------|---------|
| Quantity | 5 m     |
| Width    | 153 mm  |
| Height   | 15 mm   |
| Length   | 153 mm  |
| Weight   | 0,15 kg |



**Bulk packaging**

|          |                      |
|----------|----------------------|
| Quantity | 40                   |
| Width    | 320 mm               |
| Height   | 180 mm               |
| Length   | 360 mm               |
| Volume   | 0,020 m <sup>3</sup> |
| Weight   | 6,6 kg               |
| Comments |                      |



**Europallet**

|                   |        |
|-------------------|--------|
| Quantity          | 2400   |
| Height            | 1,90 m |
| Quantity in layer | 240    |
| Number of layers  | 10     |
| Bulk quantity     | 60     |
| Weight            | 421 kg |

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Example application